

服务宗旨

致力于推动热熔胶涂布与复合技术的应用与发展

Service

We would like to cooperate with personages of all circles in the intergrated development of Melt Coating and Lamination equipments.



青岛三人行机械有限公司

Qingdao SanRenXing Machinery Co.,LTD



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三人行机械 质量万里行 最高性价比

San Ren Xing Machinery .Faithworthy quality .High cost performance



三人行
必有我师

公司介绍

三人行公司是一个中国颇具技术实力专业生产热熔胶涂布复合设备的精干团队。我们团队拥有二十年热熔胶涂布与复合的工艺经验，无论是低粘度的热熔压敏胶（HM-PSA），还是高粘度的热塑性材料（TPU, EVA, PU, PO, PA等），我们都能为您提供最佳涂布与复合的完美解决方案。

我公司一直本着“三人行，必有我师焉”的团队精神，合理运用电气与机械，技术与经验的完美结合，努力打造出一流品质的环保涂布复合设备，为致力于推动国内国际热熔胶涂布与复合技术的全面发展，愿与国内外各界人士携手共进，共创辉煌。

Company profile

Qingdao SanRenXing is a capable team with perfect technology & strength in manufacturing hot melt adhesive coating laminating machine. Own more than twenty years' experience in hot melt adhesive coating and lamination, no matter in low viscosity hot melt pressure sensitive adhesive(HM-PSA), or high viscosity thermoplastic material(EVA, PU, PA, TPU, PO etc.), we all can offer a suitable solution for customer. We agree with the English saying: 'Two heads are always better than one.' Try to create a perfect quality and good for environmental coating lamination equipment, combining with electric, mechanical, technology and experience. Thus, we would like to cooperate with personages of all circles both domestic and abroad to develop the hot melt adhesive coating and lamination technology to create glories together.

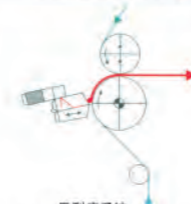
涂布工艺 Coating technology

热熔胶涂布复合机是一种把常温下为固体，加热到一定程度变为能流动且具有一定粘性的粘合剂涂布在基材上面，且能把两种材料复合在一起的设备。

Hot melt adhesive coating lamination machine is a equipment that coat hot melt pressure sensitive adhesive on raw material then laminate two material under heat the solid adhesive particle(room temperature) into fluid.

1、无刮痕涂布工艺

No line coating technology



无刮痕系统
No line rotary bar system

旋转涂布工艺
Rotary bar coating technology



满幅涂布

满幅涂布
Full-Scale coating



条状涂布

条状涂布
Strip coating

2、模头挤压涂布工艺

Slot die coating technology



刮涂系统
Slot die coating

刮涂工艺
Slot die coating



满幅涂布

满幅涂布
Full-Scale coating



条状涂布

条状涂布
Strip coating

3、网点罗拉涂布工艺

Net spot coating technology



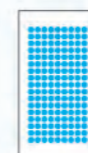
网纹涂布
Netted grain coating

网纹涂布工艺
Netted grain coating



网格涂布

网格涂布
netted grain coating



点状涂布

点状涂布
punctate coating

4、多辊式涂布复合工艺

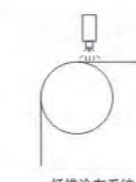
Multi-roller coating laminating technology



辊涂工艺
Roller coating

5、喷涂工艺

Spray Technology



纤维涂布系统
Fibre coating

纤维喷涂工艺
Fibre coating



条状间断涂布

条状间断喷涂
Strip intermittent coating

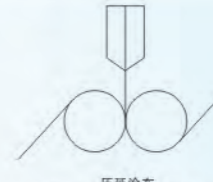


螺旋涂布

螺旋喷涂
Spiral coating

6、流延涂布工艺

Casting extrusion coating technology



压延涂布
Casting extrusion coating

压延涂布
Casting extrusion coating



压延涂布效果

压延涂布效果
Coating effect

SR-A350 全自动高速（无刮痕）热熔不干胶涂布复合机

SR-A350 Full automatic high speed(Rotary bar)hot melt adhesive coating laminating machine

应用领域

主要用于生产高档热熔不干胶标签纸，热敏纸以及高透明不干胶膜类材料等。

技术参数

涂布方式 无刮痕旋转涂布
涂布克重 10-100g/m²
涂布精度 ≤35 g/m² ± 1g
涂布速度 50-350m/min
涂布宽度 500-2000mm
放卷方式 自动转换接纸
收卷方式 自动转换收纸

Application

Mainly use in producing high grade hot melt adhesive label paper, thermal paper and high transparency adhesive membrane material etc.

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-100g/m²
Coating precision ≤35 g/m² ± 1g
Coating speed 50-350m/min
Coating width 500-2000mm
Unwinding way automatic transfer paper roller
Rewinding way automatic transfer rewinding



SR-A250 半自动（无刮痕）不干胶涂布机

SR-A250 Semi-automatic(Rotary bar) hot melt adhesive coating machine

应用领域

主要用于生产热敏纸标签以及耐温性较差的不干胶材料。

技术参数

涂布方式 无刮痕旋转涂布
涂布克重 10-100g/m²
涂布精度 ≤35 g/m² ± 1g
涂布速度 50-250m/min
涂布宽度 500-2000mm

Application

Mainly use in producing thermal paper label and low temperature resistance adhesive material.

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-100g/m²
Coating precision ≤35 g/m² ± 1g
Coating speed 50-250m/min
Coating width 500-2000mm



SR-A200 高速（无刮痕）热熔不干胶涂布复合机

SR-A200 High speed (Rotary bar) hot melt adhesive coating laminating machine

应用领域

主要用于生产各种纸张类不干胶标签材料。

Application

Mainly use in producing various paper adhesive label material.

技术参数

涂布方式 无刮痕旋转涂布
涂布克重 10-100g/m²
涂布精度 $\leq 35\text{g/m}^2 \pm 1\text{g}$
涂布速度 50-200m/min
涂布宽度 500-2000mm

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-100g/m²
Coating precision $\leq 35\text{g/m}^2 \pm 1\text{g}$
Coating speed 50-200m/min
Coating width 500-2000mm



SR-A100 热熔胶（无刮痕）涂布机

SR-A100 Hot melt adhesive (Rotary bar) coating machine

应用领域

用于生产各类纸类，透明膜类不干胶材料，以及各种胶带（泡棉，海绵，棉纸）等。

Application

Mainly use in producing various paper, non transparency membrane self-adhesive material and various tape (foam, sponge, tissue paper) etc.

技术参数

涂布方式 无刮痕涂布
涂布克重 10-200g/m²
涂布精度 $\leq 35\text{g/m}^2 \pm 1\text{g}$
涂布速度 10-80m/min
涂布宽度 500-2000mm

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-200g/m²
Coating precision $\leq 35\text{g/m}^2 \pm 1\text{g}$
Coating speed 10-80m/min
Coating width 500-2000mm



SR-A80 (无刮痕) UV热熔压敏胶涂布机

SR-A80(Rotary bar)UV adhesive hot melt pressure sensitive adhesive coating machine

应用领域

主要用于生产各种薄膜类透明材料不干胶，UV热熔压敏胶标签等高端产品。

Application

Mainly use in producing various membrane transparency material self-adhered, UV adhesive hot melt pressure sensitive label high grade product etc.

技术参数

涂布方式 无刮痕旋转涂布
涂布克重 10-100g/m²
涂布精度 $\leq 35\text{g/m}^2 \pm 1\text{g}$
涂布速度 20-80m/min
涂布宽度 200-500mm

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-100g/m²
Coating precision $\leq 35\text{g/m}^2 \pm 1\text{g}$
Coating speed 20-80m/min
Coating width 200-500mm



SR-B300 高速 (无刮痕) 热熔胶带涂布机

SR-B300 High speed(Rotary bar)hot melt adhesive tape coating machine

应用领域

主要用于各种高端热熔压敏胶带的涂布 (如布基, 牛皮纸, 清洁胶带等), 也可用于PET透明膜类胶带和UV紫外光固化热熔胶带等 (如美纹纸胶带)。

Application

Mainly use in various high grade hot melt pressure sensitive tape coating(like PP+ fabric, kraft, cleaning tape etc), still could use in PET transparency membrane tape and UV ultraviolet ligh polymerization hot melt adhesive tape(like masking tape).

技术参数

涂布方式 无刮痕旋转涂布
涂布克重 10-100g/m²
涂布精度 $\leq 35\text{g/m}^2 \pm 1\text{g}$
涂布速度 50-200m/min
涂布宽度 500-2000mm

Technical parameters

Coating way no line rotary bar coating
Coating grams 10-100g/m²
Coating precision $\leq 35\text{g/m}^2 \pm 1\text{g}$
Coating speed 50-200m/min
Coating width 500-2000mm



SR-B200 高速热熔胶带涂布机

SR-B200 High speed hot melt adhesive coating machine

应用领域

主要用于各种单面热熔压敏胶带的涂布（如牛皮纸，布基，美纹纸，粘尘胶带等），也可用于EVA热熔胶热封胶带（如化工袋密封，医用透析纸，食品包装袋，扎钞纸）。

技术参数

涂布方式 狭缝式刮涂
涂布克重 5-100g/m²
涂布精度 $\leq 35\text{g/m}^2 \pm 1\text{g}$
涂布速度 50-200m/min
涂布宽度 500-2000mm

Application

Mainly use various single side hot melt pressure sensitive tape coating (such as kraft paper, pp fabric, masking paper, dust sticking tape etc.), still use EVA hot melt heat-seal tape (such as chemical engineering bag seal, medical dialyzing paper, food packaging bag, note-paper).

Technical parameters

Coating way slot die coating
Coating grams 5-100g/m²
Coating precision $\leq 35\text{g/m}^2 \pm 1\text{g}$
Coating speed 50-200m/min
Coating width 500-2000mm



SR-B150 双面热熔胶带涂布机

SR-B150 Double sides hot melt adhesive tape coating machine

应用领域

主要用于各种热熔双面胶带和双涂胶带的生产，如（棉纸，泡棉，膜类双面胶带和双面粘虫胶带等）。

技术参数

涂布方式 狭缝式双涂
涂布克重 20-200g/m²
涂布精度 $\pm 5\%$
涂布速度 20-150m/min
涂布宽度 500-2000mm

Application

Mainly use in producing various hot melt double side tape and double coating tape, such as (tissue paper, foam, membrane double sides tape and double sides stick lac tape).

Technical parameters

Coating way slot die double coating
Coating grams 20-200g/m²
Coating precision $\pm 5\%$
Coating speed 20-150m/min
Coating width 500-2000mm



SR-B80 医用胶带透气涂布机

SR-B80 Medical tape breathable coating machine

应用领域

主要用于医用透气胶带，运动透气绷带，以及其他各式花纹，网状透气材料。

Application

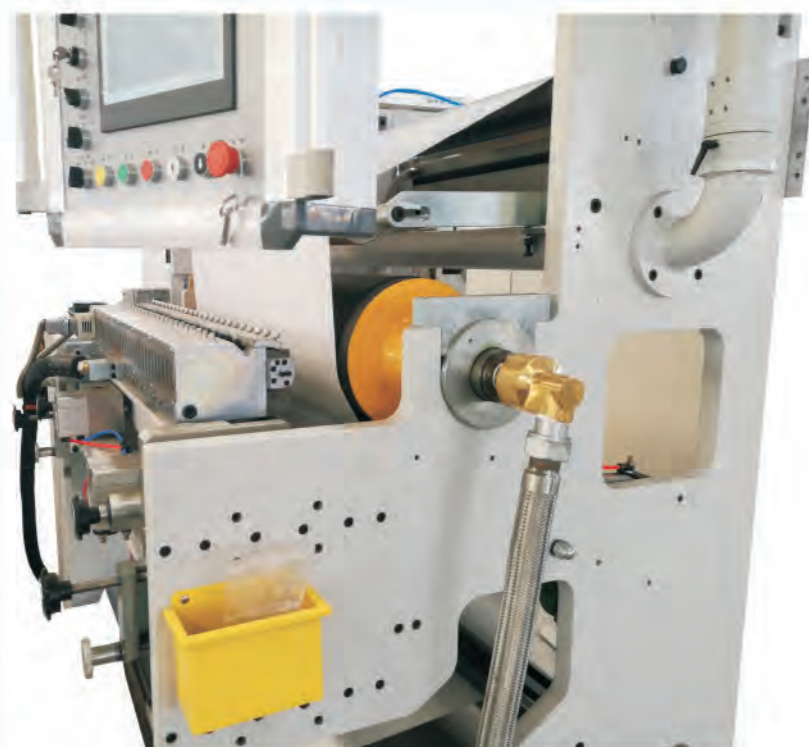
Mainly use for medical breathable tape, sport breathable bandage, and other various stripe, net shape breathable material.

技术参数

涂布方式 透气涂布
涂布克重 5-100g/m²
涂布精度 $\geq 40\text{g/m}^2 \pm 5\%$
涂布速度 10-50m/min
涂布宽度 500-1800mm

Technical parameters

Coating way Breathable coating
Coating grams 5-100g/m²
Coating precision $\geq 40\text{g/m}^2 \pm 5\%$
Coating speed 10-50m/min
Coating width 500-1800mm



SR-B100 热熔胶带涂布机

SR-B100 Hot melt adhesive tape coating machine

应用领域

主要用于高克重热熔胶带的涂布（如布基，玻纤，线束胶带等）。

Application

Mainly use in high grams hot melt adhesive tape coating (such as PP fabric, glass fiber, wrapping harness tape etc.)

技术参数

涂布方式 狭缝式刮涂
涂布克重 30-200g/m²
涂布精度 $\geq 50\text{g/m}^2 \pm 5\%$
涂布速度 10-100m/min
涂布宽度 500-2000mm

Technical parameters

Coating way slot die coating
Coating grams 30-200g/m²
Coating precision $\geq 50\text{g/m}^2 \pm 5\%$
Coating speed 10-100m/min
Coating width 500-2000mm



SR-BF1 防腐胶带涂布机

SR-BF1 Antiseptic tape coating machine

应用领域

主要用于生产沥青防腐胶带，丁基防腐防水胶带，橡胶防腐胶带等。

Application

Mainly use in producing asphalt antiseptic tape, butyl antiseptic waterproof, rubber antiseptic tape etc.

技术参数

涂布方式 挤出狭缝式刮涂
涂布克重 50-2500g/m²
涂布精度 $\geq 50\text{g/m}^2 \pm 8\%$
涂布速度 10-50m/min
涂布宽度 500-2000mm

Technical parameters

Coating way extrusion slot die coating
Coating grams 50-2500g/m²
Coating precision $\geq 50\text{g/m}^2 \pm 8\%$
Coating speed 10-50m/min
Coating width 500-2000mm



SR-BF2 丁基防水防腐胶带涂布机

SR-BF2 Butyl waterproof antiseptic tape coating machine

应用领域

主要用于生产高档丁基防腐胶带，丁基防水卷材系列。

Application

Mainly use in producing high grade butyl antiseptic tape, butyl waterproof coil series.

技术参数

涂布方式 挤出狭缝式刮涂
涂布克重 100-3000g/m²
涂布精度 $\geq 100\text{g/m}^2 \pm 8\%$
涂布速度 2-20m/min
涂布宽度 500-3000mm

Technical parameters

Coating way extrusion slot die coating
Coating grams 100-3000g/m²
Coating precision $\geq 100\text{g/m}^2 \pm 8\%$
Coating speed 2-20m/min
Coating width 500-3000mm



SR-C300 TPU流延复合机

SR-C300 TPU casting extrusion coating laminating machine

应用领域

主要用于生产TPU防水透气膜，TPU热熔胶膜，服装防水胶条，以及其他军事，民用，医用TPU膜和复合材料系列。

技术参数

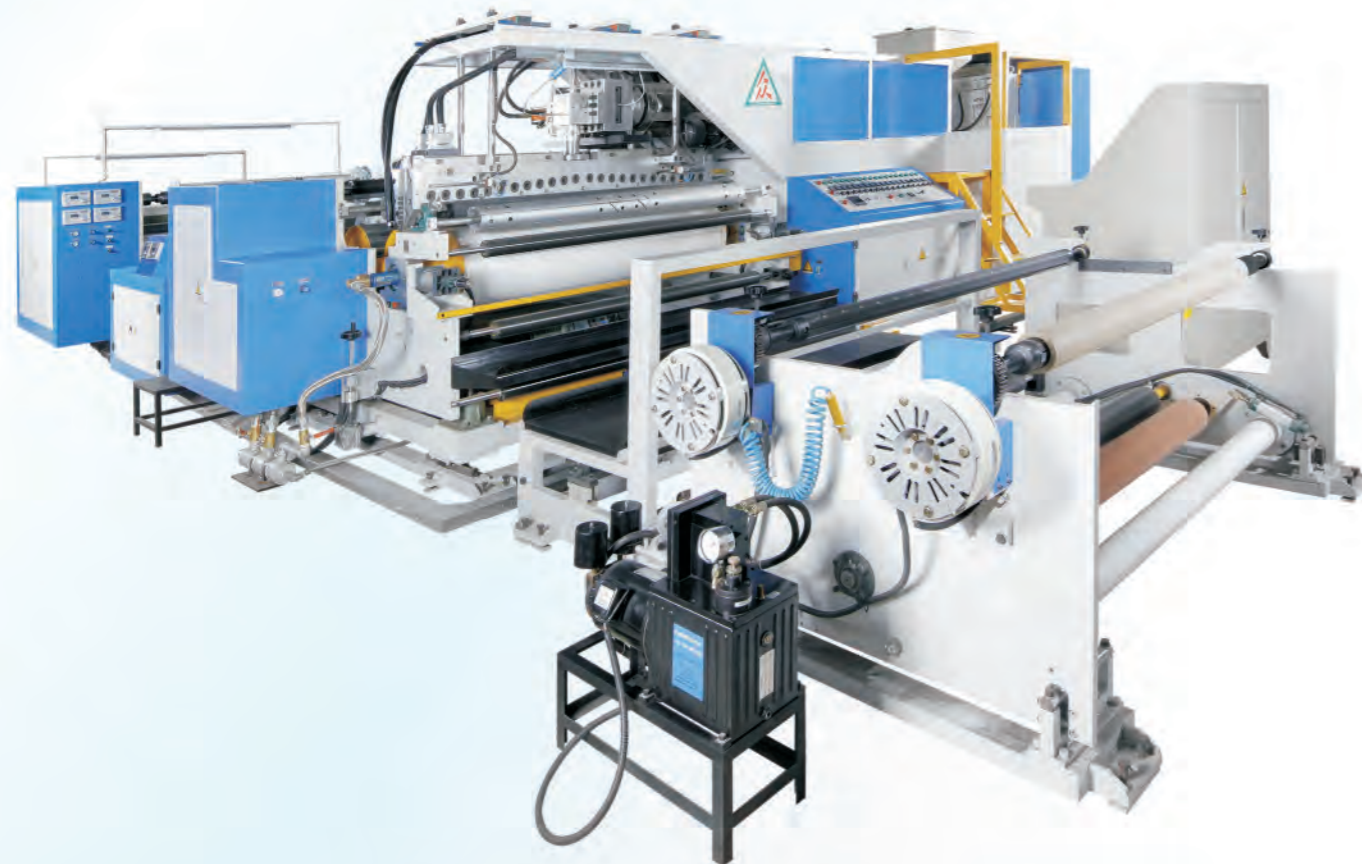
流延方式 流延拉伸
流延厚度 0.01-0.20mm
流延精度 $\pm 5\%$
流延速度 2-30m/min
流延宽度 500-3000mm

Application

Mainly use in producing TPU waterproof breathable membrane, TPU hot melt adhesive membrane, clothes waterproof adhesive tape, and other military, civil use, medical TPU membrane and lamination material series.

Technical parameters

Casting way casting extrusion coating
Casting thickness 0.01-0.20mm
Casting precision $\pm 5\%$
Casting speed 2-30m/min
Casting width 500-3000mm



SR-C200 热熔胶膜涂布机

SR-C200 Hot melt adhesive membrane coating machine

应用领域

主要用于生产TPU, PA, PES, PO, EVA等热熔胶膜系列。

技术参数

涂布方式 挤出狭缝式刮涂
涂布厚度 0.04-0.50mm
涂布精度 $\pm 8\%$
涂布速度 2-30m/min
涂布宽度 500-2000mm

Application

Mainly use for producing TPU, PA, PES, PO, EVA etc hot melt membrane series.

Technical parameters

Coating way extrusion slot die coating
Coating thickness 0.04-0.50mm
Coating precision $\pm 8\%$
Coating speed 2-30m/min
Coating width 500-2000mm



SR-C180 网点转移涂布复合机

SR-C180 Net transfer coating laminating machine

应用领域

主要用于鞋用透气定型布材料和服装透气辅料，以及其他各种花纹转移热烫材料等。

Application

Mainly use in shoes breathable forming clothes material and clothes breathable accessories, and other various stripe transfer hot iron material etc.

技术参数

涂布方式 网辊转移
涂布克重 10-100g/m²
涂布精度 ±8%
涂布速度 2-20m/min
涂布宽度 500-2000mm

Technical parameters

Coating way roller transfer
Coating grams 10-100g/m²
Coating precision ±8%
Coating speed 2-20m/min
Coating width 500-2000mm



SR-C50 防护服胶带涂布机

SR-C50 Protecting suit blue tape coating machine

应用领域

主要用于生产EVA牛皮纸热封胶带，EVA裱画胶膜，墙布热烫胶膜，防护服胶带等。

Application

Mainly use in producing EVA Kraft heat-seal tape, EVA picture mounting membrane, wall covering hot membrane and protect suit blue tape etc.

技术参数

涂布方式 狭缝式刮涂
涂布克重 20-100g/m²
涂布精度 ±5%
涂布速度 10-50m/min
涂布宽度 500-3000mm

Technical parameters

Coating way Slot die coating
Coating grams 20-100g/m²
Coating precision ±5%
Coating speed 10-50m/min
Coating width 500-3000mm

